

Amendments to the Specification:

Please replace the paragraph beginning at page 5, line 5 with the following rewritten paragraph:

Fig. 2 illustrates the basic principle of a parallax barrier splitting two stereo images. The vertical lines of two stereo images are alternatingly displayed on, e.g., a spatial light modulator 2 (e.g. a LCD) with a back light 1. The grating structure of the parallax barrier 7 ensures that each eye of the viewer 4 sees the appropriate stereo image (5, 6).

Please delete the Abstract of the invention in its entirety, and add the following new Abstract:

In an autostereoscopic display, a cylindrical lens focuses collimated light emitted from pixels of a display array, and a scanning device sequentially provides the light to openings in a display screen. The image information is provided in the display area at a rate corresponding to the frequency of the scanning of the openings in the display screen to provide the autostereoscopic image.